AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A computer-readable medium comprising instructions for causing a processor to display a graphical user interface (GUI), the GUI comprising:

a graph with edges and vertices, the vertices representing grid nodes in a grid network, each of the grid nodes comprising a grid manager;

wherein each of ~~and~~ the edges represents ~~representing~~ an association between two of the grid managers ~~of two grid nodes in a grid computing network~~.

2. (Currently Amended) The computer-readable medium ~~GUI~~ of claim 1 in which the association is peer-to-peer.

3. (Currently Amended) The computer-readable medium ~~GUI~~ of claim 1 in which the association is hierarchical.

4. (Currently Amended) A computer-readable medium comprising instructions for causing a processor to perform a method, the method comprising:

displaying a graphical user interface (GUI), the GUI comprising:

a graph with vectors and nodes for visualizing a computer grid, the nodes representing computers running grid managers and the vectors representing relations between pairs of grid managers, each pair comprising a superior grid manager and an inferior grid manager, ~~of the relations defining a first grid manager to be superior to a second grid manager and a vector points from a node representing the first grid manager to a node representing the second grid manager;~~

for each node, an expandable structure showing computer grid applications running on a computer represented by the node,~~; and~~

~~an event handler configured to receive~~ receiving, with an event handler, a request to view management services running on each of the computers; ~~a computer~~ and

~~to generate~~ generating a display showing the management services running on each of the computers ~~computer~~.

5. (Currently Amended) A method comprising:

receiving a request to visualize a grid network with a first ~~at least one~~ node representing a first grid manager from a set of linked nodes, the linked nodes representing computers running grid managers and vectors representing relations between pairs of grid managers;

displaying the first ~~at least one~~ node representing the ~~a~~ first grid manager;

sending a first query to the first grid manager requesting a first list of grid managers having an inferior relation to the first ~~root~~ node;

receiving a response from the first grid manager to the first query;

displaying nodes corresponding to the grid managers in the first list and drawing vectors from the first grid manager to the grid managers in the first list of grid managers;

sending a second query to the first grid manager requesting a second list of grid managers having a superior relation to the first grid manager; ~~and~~

receiving a response from the first grid manager to the second query; and

displaying nodes corresponding to the grid managers in the second list and drawing vectors from the grid managers in the second list to the first grid manager ~~of the root node~~.

6. (Original) The method of claim 5 further comprising:

sending a third query to each of the grid managers in the first list of grid managers requesting a third list of grid managers having an inferior relation to each grid manager in the first list of grid managers;

displaying nodes representing grid managers in the third list of grid managers and drawing vectors from the grid managers in the second list of grid managers to grid managers in the third list of grid managers.

7. (Original) The method of claim 6 further comprising:

recursively repeating the steps of sending and displaying for each of the grid managers in the third list.

8. (Currently Amended) The method of claim 5 further comprising:

sending a query to the first grid manager, the query requesting a list of services and applications managed by the first grid manager; and

displaying an expandable structure, the display showing the list of services and applications managed by the first grid manager.

9. (New) The computer-readable medium according to claim 1, wherein the vertices display a network address for the corresponding grid node.

10. (New) The computer-readable medium according to claim 1, wherein the vertices display applications currently running on the corresponding grid node.

11. (New) The computer-readable medium according to claim 1, further comprising instructions for causing the processor to generate, in response to user input identifying one of the grid nodes, a display of a grid manager running on the identified grid node.

12. (New) The computer-readable medium according to claim 1, further comprising instructions for causing the processor to generate, in response to user input identifying one of the grid nodes, a display of applications running on the identified grid node.

13. (New) The computer-readable medium according to claim 1, further comprising instructions for causing the processor to generate, in response to user input identifying one of the grid nodes, a display representing a relationship between a grid manager running on the identified grid node and a grid manager running on another one of the grid nodes.